

National Institute for Theoretical and Computational Sciences Stellenbosch

MSc and PhD bursaries in any of the 8 NITheCS Themes
(1-year bursary)

The Stellenbosch hub of the South African National Institute for Theoretical and Computational Sciences (NITheCS) has MSc and PhD bursaries available in any of the 8 themes of NITheCS. These themes include: Astronomy & Astrophysics, Bioinformatics & Quantitative Biology, Data Science, Earth Systems Modelling & Climate Change Modelling, Mathematics, Quantitative Finance, Statistics, Theoretical Physics. The bursary can be associated with any of the current research programmes at the Stellenbosch node. More information on the research programmes can be found here: www.nithecs.ac.za/research/

The bursary will be awarded within the structure of Stellenbosch University on a one-year basis.

Duties: MSc or PhD level study in any of the 8 NITheCS themes which should also be associated with an existing research programme.

Requirements: An Honours or Masters degree in a field relevant to at least one of the 8 NITheCS themes, and capable of contributing to at least one of the research programs at the NITheCS Stellenbosch node. .

Commencement of bursary: 1 May 2025 or as soon as possible thereafter.

Enquiries: Prof Francesco Petruccione at francesco.petruccione@nithecs.ac.za

Applications: Applications must include a cover letter, complete CV (including names and email addresses of at least 2 referees), academic record, description of future research interests, copies of relevant qualifications. All documents must be submitted in PDF format as separate files (titled eg “Cover letter”, “CV”, “Academic Record” etc) to Mrs René Kotzé at applications@nithecs.ac.za.

Website: www.nithecs.ac.za

* Review of applications will begin on 30 April 2025 and continue until the bursary has been awarded. NITheCS reserves the right not to make an appointment and to continue searching after the closing date. Early applications are encouraged. Our search will conclude upon identifying the ideal candidate. Candidates without the necessary skills will not be contacted.